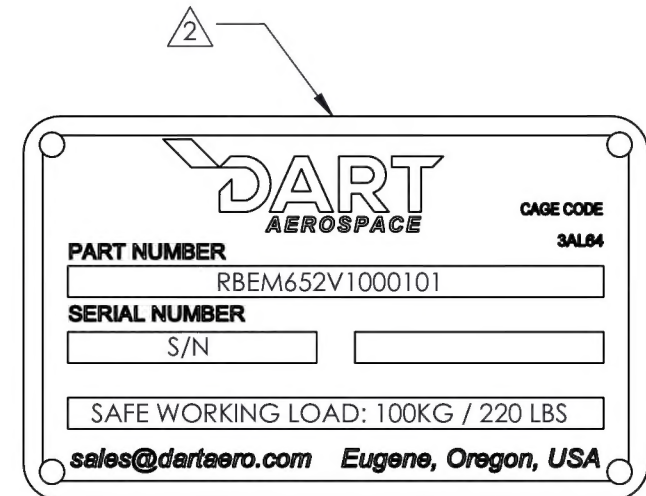
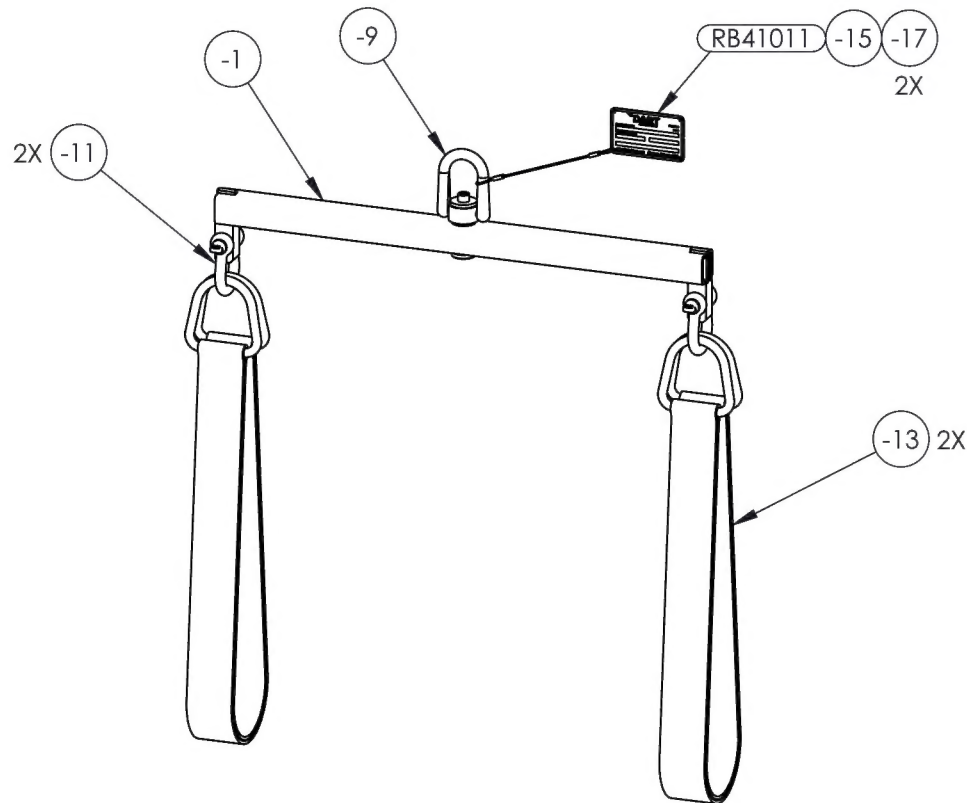


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	8/3/2016	SM	JAG
2	17-0009	-1 CH'D WELD CALL OUT WAS ∇ ALL AROUND IS ∇ GROOVE ALL AROUND GRIND FLUSH. -5 CH'D DIM WA 1.57 IS 1.46. CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-34. CH'D ENGRAVE NOTE FOR RB41011 MAX WORKING LOAD WAS 100 KG IS SAFE WORKING LOAD 100KG / 220 LBS.	1/18/2017	RJC	JAG




NOTES:

1. REF. AIRBUS T/N: M652V1000101.

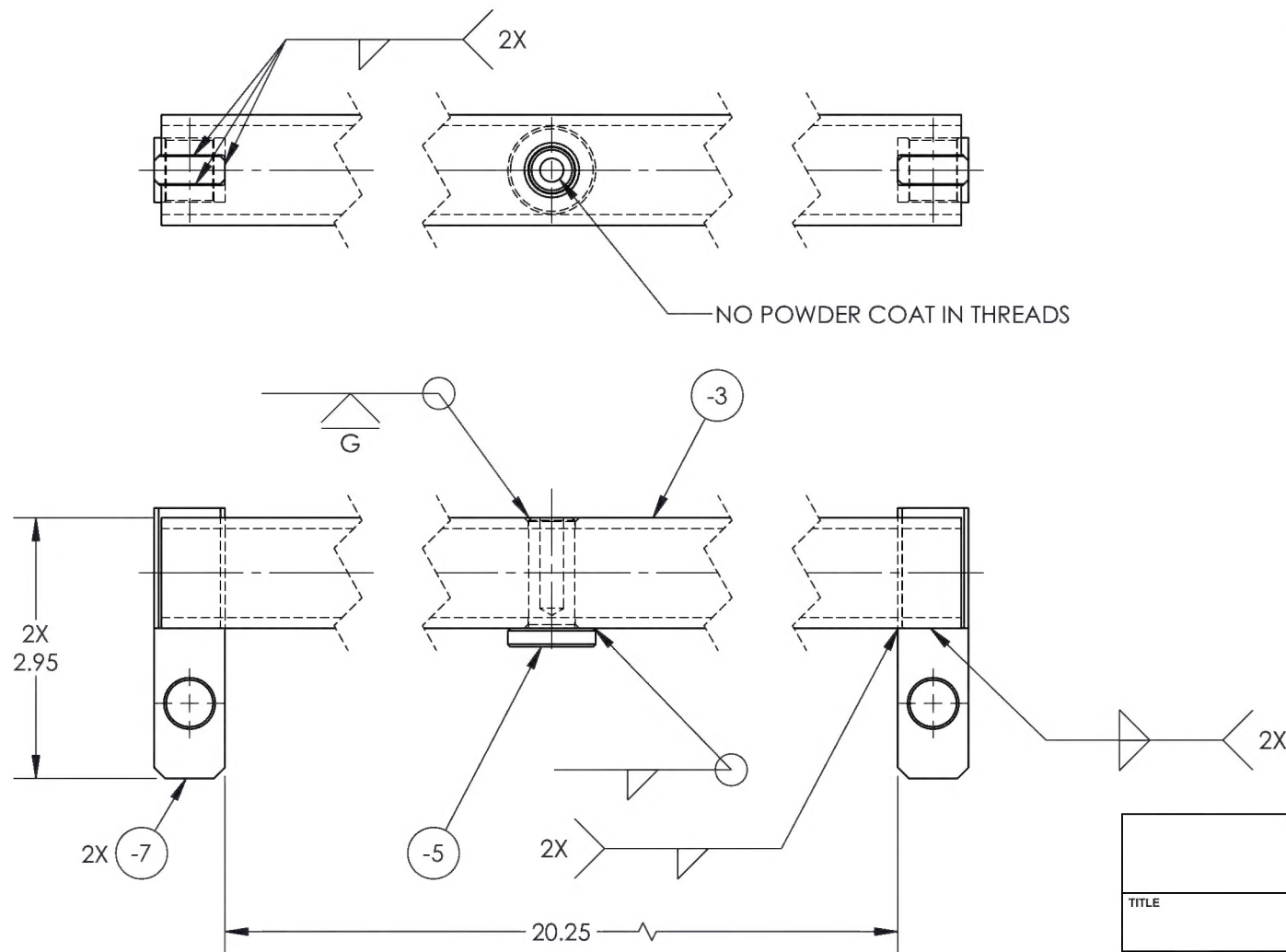
2. ENGRAVE RB41011 AS SHOWN.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	FRAME WELDMENT			2
	1		-3		MAIN TUBE	STEEL TUBE		3
	1		-5		ANCHOR BOSS	4140/4142		4
	2		-7		ANCHOR PLATE	1018/1020 CR		5
		B/O	-9	1	SWIVEL HOIST RING	STEEL	M8 X 1.25mm X 21mm, 103mm OAL (MCMASTER-CARR #3005T115)	1
		B/O	-11	2	SHACKLE	STEEL	Ø7/16, 3,300 LBS CAP. (MCMASTER-CARR #3558T48)	1
		B/O	-13	2	BASKET SLING		2 PLY, 2 IN x 36 IN, 12,800 LB CAPACITY (MSC # 85810844)	1
		B/O	-15	1	LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL-2-C)	1
		B/O	-17	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1
		B/O		1	DART PLACARD	ALUMINUM	RB41011	1
	ASSY -1							

			
TITLE TBG SLING			
DWG NO. RBEM652V1000101			REV 2
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/✓	
HEAT TREAT			
FINISH			
SPEC			
DRAWN BY:	DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED:	MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:	LINDSAY	USED ON MODEL	
APPROVED:	GILBERT	H175	
SCALE	1:8	DATE	7/14/2016
		SHEET 1 OF 6	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
2	17-0009	-1 CH'D WELD CALL OUT WAS ∇ ALL AROUND IS ∇ GROOVE ALL AROUND GRIND FLUSH.	1/18/2017	RJC
				JAG

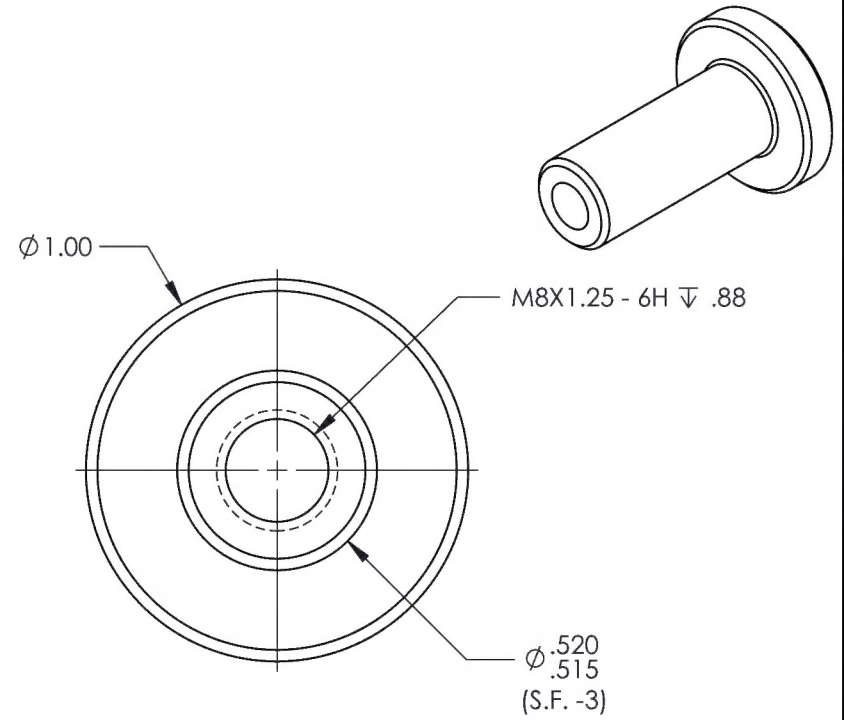
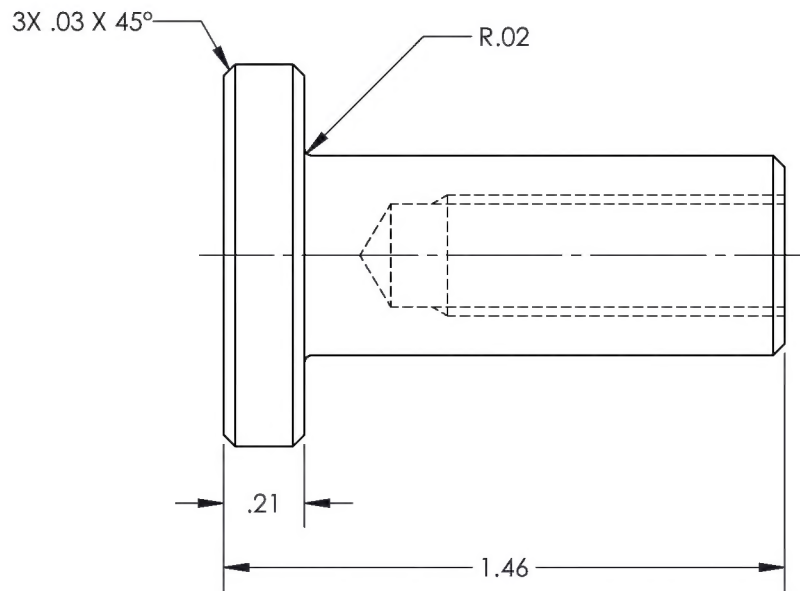


(-1)
FRAME WELDMENT

DART AEROSPACE	
TITLE TBG SLING	
DWG NO. RBEM652V1000101-1	REV 2
MAT'L 6061-T6	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT 100	.XXX ± .010 FRACTIONS ± 1/8
FINISH POWDER COAT YELLOW	.XX ± .03 ANGLES ± 1°
SPEC FED #13538	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 1:2	DATE 7/14/2016
SHEET 2 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0009	-5 CH'D DIM WA 1.57 IS 1.46, CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-34.	1/18/2017	RJC	JAG



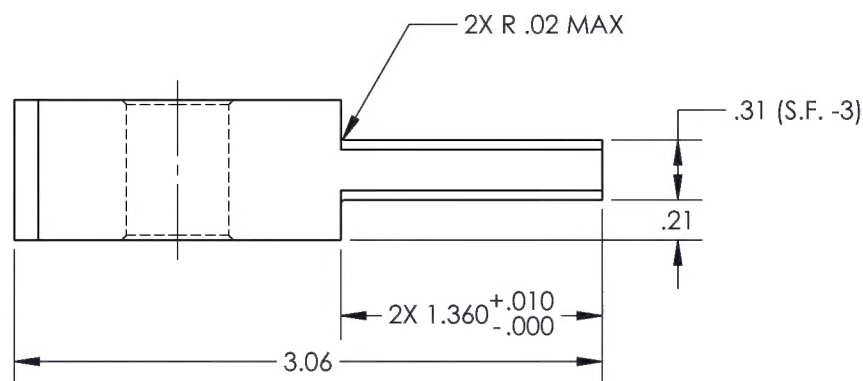
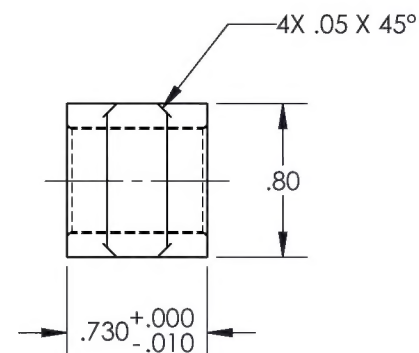
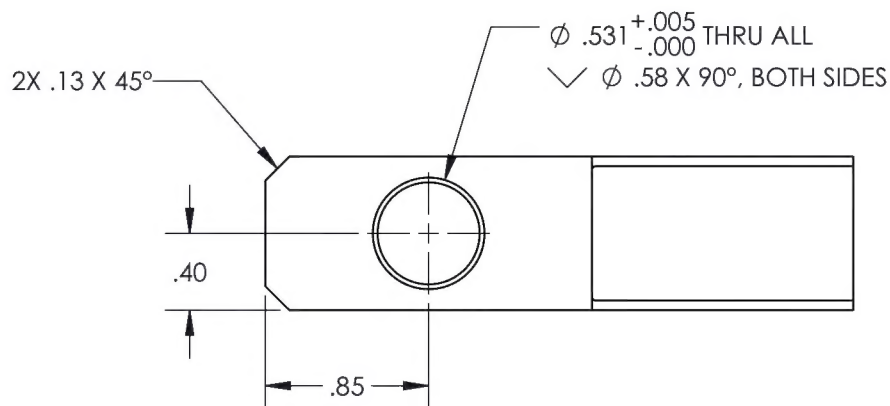
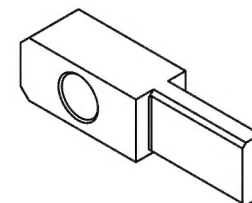
(-5)

ANCHOR BOSS

DART AEROSPACE	
TITLE TBG SLING	
DWG NO. RBEM652V1000101-5	REV 2
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT TREAT RC 28-34	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 2:1	DATE 7/14/2016
	SHEET 4 OF 6

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL

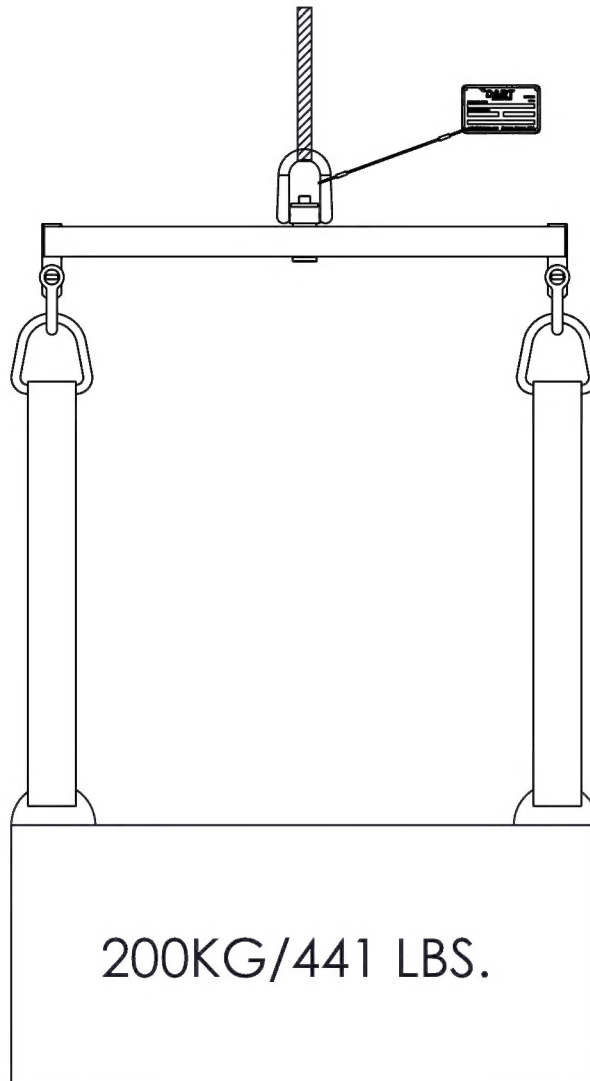


(-7)

ANCHOR PLATE

DART AEROSPACE	
TITLE TBG SLING	
DWG NO. RBEM652V1000101-7	REV 2
MAT'L 1018/1020 CR HEAT TREAT FINISH SEE -1 SPEC DRAWN BY: DUERFELDT CHECKED: MACKOVJAK OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: CLOUGH	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL H175	
SCALE 1:1	DATE 7/14/2016
SHEET 5 OF 6	

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INSPECTION & TESTING PROCEDURE FOR RBEM652V1000101

- INSPECT THIS ASSEMBLY PRIOR TO EACH USE.
- REPLACE ANY ITEMS THAT ARE DAMAGED OR SUSPECTED TO BE DAMAGED BEFORE USE!

FIRST ARTICLE WEIGHT TEST:

1. AFTER INSPECTION ATTACH SLING ASSEMBLY TO AN OVERHEAD LIFTING DEVICE.
2. ATTACH SLING TO AN APPROPRIATE TEST WEIGHT OF 200KG/441 LBS. BALANCE LOAD DISTRIBUTION BETWEEN BOTH STRAPS.
3. LIFT WEIGHT FOR AT LEAST 5 MINUTES, CONTINUALLY CHECKING FOR CRACKS, DEFLECTION, OR DISTORTION.
4. REMOVE WEIGHT AND RE-INSPECT SLING, CHECKING FOR STRESS CRACKS, BENDING, OR DISTORTIONS.

INSPECTOR: _____
TESTER: _____
S.N.: _____
DATE: _____



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e-mail: sales@dartaero.com
dartaerospace.com

TITLE		TBG SLING	
DWG NO.	RBEM652V1000101	REV	2
SCALE	1:8	DATE	7/14/2016
WEIGHT TEST 1 OF 1		SHEET 6 OF 6	